

Attack of the Rogue Wireless

Aka: Wireless (In)securities

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Goals

Attendees should leave knowing:

- Why it is important to use UAWiFi instead of UAPublic
- Why using VPN is important on public wireless networks
- Where to find tools, information, and support to load UAWiFi and VPN client software on their machines
- A little bit about how wireless and wireless security work

Resources

- <http://oscr.arizona.edu/wireless>
->OSCR's website with setup instructions for UAWiFi on most platforms
- <http://sitelicense.arizona.edu/vpn>
-> Free campus VPN software
- <http://uawifi.arizona.edu/>
-> Campus wireless network homepage, includes coverage map, troubleshooting
- <http://oscr.arizona.edu/underground>
-> Where you can go for free technical support, including UAWiFi setup
- <http://support.ccit.arizona.edu/>
-> More technical support!

Wireless is BROADCASTING!

- Wireless has a broadcast frequency!
- Wireless has range...
- Anyone else in range, tuning in to the same frequency, using the right software, can 'listen' to your broadcast!

- Watch out for EVIL TWINS!! (eek!)

What can you do to protect yourself?

- Use encryption (avoid WEP, use WPA or WPA2)
- Use a Virtual Private Network (VPN)
- Know your network!
- Cower, whimpering and drooling, in a corner...

Why UAWiFi and not UAPublic?

- Security (WPA2)
- Speed (no rate limits)
- Convenience
(allows access to campus servers and resources)

Why use VPN on unsecured networks?

- Security (encrypts your activity)
- Convenience
(allows access to campus servers and resources)

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